

Lake District National Park

Forecast valid from 00:00 on Tuesday 02 Apr 2024 until 23:59 on Wednesday 03 Apr 2024
Forecast Issued on Monday 01 Apr 2024 at 12:37

Confidence: High for overall unsettled conditions but becoming moderate or low from Wednesday in terms of detail in frontal progression.

Headline for Tuesday 02 Apr 2024: Cloudy and wet to start, brightening up by early afternoon.

Mountain weather hazards on Tuesday 02 Apr 2024

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect Low Likelihood	Poor visibility Low Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Heavy Rain	Light rain	Light rain	Light rain	Light rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
80%	80%	60%	40%	40%	20%	10%	10%

Forecast for Tuesday 02 Apr 2024

Weather: Heavy rain at first through the overnight period, easing off by dawn. Patchy light rain continuing through the morning. Cloud breaking up early afternoon to allow some prolonged sunny spells, however chance of the odd light shower at first. Dry with clear skies into the evening.

Chance of cloud-free hill tops above 800m: 20-30% increasing to 90% by early afternoon

Low cloud and visibility: Broken cloud base 500-700m during the morning, breaking up early afternoon. Visibility moderate in heavy rain, poor in hill fog, otherwise good.

Forecast for Tuesday 02 Apr 2024

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	9/11 SE	10/12 S	8/10 S	10/14 S	11/16 SW	11/17 SW	7/10 S	10/14 E	17/23 E
600	8/10 S	8/10 S	7/10 S	9/13 S	10/15 SW	11/17 SW	5/7 S	8/12 E	12/18 E
300	3/8 SE	3/8 S	3/7 S	5/11 S	6/13 SW	7/15 SW	2/6 S	4/10 E	5/15 E
Valley	3/7 SE	2/6 S	3/6 S	4/8 S	5/11 SW	8/14 SW	2/4 S	6/9 NE	8/17 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-3	1/-3	1/-3	2/-3	2/-2	3/-1	2/-0	2/-2	2/-3
600	2/-1	2/-1	2/-0	4/0	4/1	5/2	5/3	3/0	4/-0
300	4/3	4/3	4/3	6/4	7/6	8/6	7/6	5/4	6/4
Valley	6/5	6/5	6/6	8/6	9/8	10/8	9/9	8/6	8/6
Freezing Level*	1100m	1100m	1100m	1200m	1200m	1200m	1200m	1300m	1400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Forecast for Wednesday 03 Apr 2024

Weather: Dry with clear spells through the overnight period. Clouding over during the morning with rain arriving from the south mid to late morning, this heavy at first but easing into the afternoon. Patchy light rain through the rest of the day.

Maximum wind: Easterly 15-20 mph gusting 25-30 mph at first, soon falling light.

Chance of cloud-free hill tops above 800m: 90% at first, reducing 60% into the afternoon and 20% into the evening

Low cloud and visibility: Few or scattered cloud base 500-700m from around mid-morning, becoming broken into the evening. Visibility good at first, moderate in rain, poor in hill fog.

Temperature: **Valleys:** Plus 7 to plus 10 Celsius
 At 800m: Plus 2 to 5 Celsius
 Freezing level: Above summits

Ground Conditions Supplement

Date: Monday 1 April Location: Helvellyn summit at 11:30 Temperature: plus 0.2 C Maximum wind speed 24.8mph Wind chill: minus 8.2 C Average wind speed: 21.6mph

Full report: Winter is still holding on, on the highest Lake District fells, with a thin layer of fresh snow settling down to 850m this morning. However the vast majority of the National Park is now clear of snow with the exception of Helvellyn where steep north through east facing aspects above 800m still have a patchy array of older snow. Striding & Swirral Edges can be ascended & descended without setting foot on snow. However some of the less exposed 'easier' paths that lie on the northern flanks may involve crossing patches of snow in an exposed position and microspikes may still be useful. Small unstable & thawing cornices were still present above some steep north through east aspects. Small amounts of additional snow at summit level are forecast for this week but are not predicted to present a significant hazard. Despite the appearance of spring in the valleys full winter clothing (waterproofs, extra warm layers, hat & gloves), and equipment including a map, compass and headtorch are all still essential to safely enjoy our spectacular mountains. That's a wrap on the 2023-34 Fell Top Assessors season. Thank you to everyone who's used the service, said hello on the hill or joined us on one of our winter skills courses. We'll let Jon enjoy his well earned retirement after 16 years on the mountain but Wes & Zac will be back next year for the first snows of winter. Blue skies :)

Issued at: 1237 on Mon 01 Apr 2024